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## Maine Perspective

Department of Public Affairs, University of Maine

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## Study Abroad Contributes to Internationalization of the University Community

This week a representative from Japan's Kyushu Institute of Technology will be on campus meeting with University of Maine students, faculty and administrators to forge a new educational exchange agreement between the two higher education institutions.

It is a partnership that will be one of the first of its kind for UMaine, where Study Abroad opportunities have traditionally tended to focus on academic programs in languages or arts and humanities, rather than engineering and technology. As one of almost a dozen new exchange agreements between the University and institutions around the world in the past three years, the educational alliance with the Kyushu Institute of Technology is indicative of the importance of Study Abroad opportunities for students headed for careers in a global economy.

*See related story, page 7.*

Promotion of Study Abroad has become a major priority for the International Programs Office in this, the 50th anniversary that the Fulbright Program was signed into law. The law, signed by President Harry Truman, authorized agreements and funding between American and foreign governments for educational activities in those countries or in the U.S.

"Study Abroad has been one of the many programs coordinated by the International Programs Office for a number of years," according to Karen Boucias, interim director of International Programs. "Now we are making it a major priority

because there are so many opportunities in place for University students to take advantage of at almost no cost to them. Whether they use Study Abroad to enhance their language fluency or simply to make it part of their education, Study Abroad is an experience that helps people grow. Education is more than just attending classes. In a global economy, such international experience makes students more marketable.

"The world is getting smaller every day. But while people in other countries take advantage of exchange programs to study at institutions in the U.S., Americans in general – and UMaine students in particular – are not yet there in such thinking."

This year, approximately 457,000 international students are studying in this country, while only 76,000 American students are studying abroad. International educators have set a goal of having 10 percent of the students on a college campus participating in Study Abroad opportunities. In this country, the number of college and university students in Study Abroad programs has stabilized, prompting increased emphasis to be placed on educational opportunities abroad for American students. While some institutions in the U.S. tout half-million-dollar budgets and rates of participation approaching or exceeding the 10 percent benchmark for their Study Abroad programs, others like UMaine struggle to approach 1 percent of the student population becoming involved.

The Office of International Programs facilitates 35 exchange agreements between UMaine and higher education institutions abroad – a number

*continued on page 15*



### *In Perspective*

#### **2 Everyday Chemistry**

#### **5 Look Who's On Campus**

#### **6 People in Perspective**

#### **8 In Focus: Supervisors**

*As a service to the University community, costs of producing Maine Perspective are underwritten by University Printing Services.*

#### **A new means of snow removal?**

*Assistant Professor of Political Science Tim Cole enjoys a snowy afternoon on the Mall with his 3-year-old golden retriever, Cadi.*

*Photo by Kathryn Rice*

# Chemistry in Everyday Living – Lessons for Everyone

Purifying recycled aluminum and making smog in a plastic bag have become part of a new chemistry course for non-science majors at the University of Maine.

These and other environmental topics ranging from acid rain to nuclear energy provide the framework for the class, "Chemistry for Everyday Living," taught by Barbara Cole, associate professor of chemistry, and an accompanying laboratory session taught by Cole and doctoral student Janet Foley of Presque Isle.

Offered since 1993, Chemistry 101 has attracted its maximum of 40 students each time, according to Cole, who is teaching the course again this semester.

"Students see the newspaper headlines and read stories about these kinds of issues," says Cole, who makes extensive use not only of newspaper stories but a new American Chemical Society textbook, *Chemistry in Context*. "I want them to understand the chemical processes at work so they can make better decisions as citizens and voters."

"We get into some pretty interesting debates," Cole says. "Some of the students have strong opinions. That's fine, but they need to develop a foundation for what they believe. The course requires them to read, think about and analyze the information."

For the last several years, air pollution issues have occupied the pages of Maine's newspapers, and Cole's students have discussed various approaches to government regulations. They also have studied the chemistry of ozone and the causes of the occasionally high levels plaguing southern and coastal Maine.

Students who also take the laboratory course combine their reading with the opportunity to make and to observe nitrogen dioxide, a waste product released by gasoline engines. "It's the brown gas in smog which reacts with unburned gasoline to form ozone, a severe respiratory irritant," Cole explains.

Most of the laboratory exercises have been designed by teaching assistant and Ph.D. chemistry student Janet Foley, says Cole. "She really conducts the lab. She has students making polymers, recycling aluminum, investigating the density of different materials and designing their own experiments," Cole says.

Some students get frustrated with the lab when they are

required to come up with their own experiments. "We want them to understand that a fundamental part of science is asking the question, 'how can I investigate this problem?' That's a creative process. Students often want to be told what to do and how to do it, but science doesn't work that way."

Cole also emphasizes the mathematical shorthand chemists often use. "Students need to know that 'ppm' means parts per million. But how small is that? People don't generally realize what tiny quantities chemists deal with or how significant those quantities are. Students learn how to work with numbers in the chemical sense."

Students are also encouraged to evaluate their own lifestyles in terms of their impact on the environment. "Everyone has to estimate the amount of water they use on a daily basis, and I get answers ranging from two gallons to hundreds. Some people don't count the water that runs when they brush their teeth or the water they use to flush the toilet."

Taking the course satisfies part of UMaine's graduation requirements for non-science students. However, some students take things further. They discover new scientific interests, and some even change their majors to pursue science-oriented careers. ▲



Chris Boucher of Old Town is among the many members of the University community taking advantage of the recent reopening of the Field House, which has been closed for repairs since last May. The Field House now sports a new roof, windows, and netting, as well as new paint on the walls inside and out.

Photo by Kathryn Rice

Dear Members of the University Community:

I am writing to thank you all very much for the exceptional generosity shown during the recent Combined Charitable Appeal for University of Maine Employees. Our goal for this year remained the same as it was for last year. Despite significantly fewer people being eligible to participate because University College-Bangor now reports to the Community College of Maine, University employees still exceeded the established goal by a considerable margin. The generosity that this achievement demonstrates is a great credit to all of us. At a time when the campus is concerned about recent fiscal austerity and possible future reductions, many members of the community stepped forward to contribute, thereby assisting those less fortunate than ourselves.

I am very proud that the University once again exceeded its goal for contributions during this Campaign. I hope each member of the community is equally proud. Congratulations to all of you on the selfless spirit which attained this outstanding result.

I would particularly like to thank the chair and vice chair of the Campaign, Barbara Hikel and Kathleen Moring. Without their hard work and the hard work on the part of all the unit leaders, our success would not have been possible. Please know that I appreciate all of your outstanding efforts.

Sincerely,

*Frederick E. Hutchinson*

Frederick E. Hutchinson  
President

## Maine Perspective

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University of  
**Maine**

# U Maine Calendar

JAN. 24 – FEB. 5

**All events are free and open to the public unless otherwise specified.** Any speaker not otherwise identified is a member of the University of Maine faculty, staff or student body. Send notices of upcoming campus events to: *Maine Perspective* Calendar, Public Affairs. Calendar of events listings MUST be typewritten and should be sent AT LEAST TWO WEEKS in advance. Deadline for each issue: 9 a.m. Friday. For more information, call x3745.

## 24 Wednesday

**Navigating the Internet**, a CAPS seminar with Eloise Kleban, 3-5 p.m., Jan. 24, 107 Corbett Business Building. x3524.

**Faculty Senate Meeting**, 3:15 p.m., Jan. 24, Lown Rooms, Union. x1167.

**What's Ahead? Assessing the Environment for Public Higher Education in Maine**, a videotape of proceedings from the conference: "Assessing the Environment for Public Higher Education," featuring presentations by Mark Jackson and Nancy MacKnight, offered by the Division of Student Affairs, 3:15 p.m., Jan. 24, FFA Room, Union. x1820.

**"Gerard Manly Hopkins and the Frenchman from Tighish: A Question of Continuity,"** by Sandy Ives, part of the English Department's Carrol Terrell Lecture Series, 4 p.m., Jan. 24, 402 Neville Hall. x3822.

**"Using Trusts for Basic Estate Planning,"** a University Credit Unions Winter Seminar offered by Financial Services of New England, 4:30 p.m., Jan. 24, Credit Union. Reserved seating. x1458.

**"White Lies: The Truth About Affirmative Action and Racism in America,"** by Tim Wise, assistant director of the Youth Anti-prejudice Project, New Orleans, offered by the Office of Multicultural Student Affairs, 7 p.m., Jan. 24, Wells Conference Center. x1405.

**Movie: Sixteen Candles**, offered by the Union Board, 7:30 p.m., Jan. 24, 101 Neville Hall. x1734.

## 25 Thursday

**Thursday Night at the Bear's Den** with music by Spilled Milk, offered by the Union Board, 9 p.m., Jan. 25, Union.

## 26 Friday

**Do-It-Yourself Database Searching Workshop**, focusing on science and engineering databases, 10-11:30 a.m., Jan. 26, Science and Engineering Center Office, Fogler Library. Free/preregistration required. x1679.

**Winter Adventure Festival**, featuring demonstrations on winter camping, cross country skiing, snowshoeing, and ice climbing, kayak and canoe race, gear talks, 10 a.m.-2 p.m., Mall; talk by mountain climber Paul Petzoldt, founder of the National Outdoor Leadership School, 7 p.m., Union, Jan. 26. x1794.

**Performance by Jazz Guitarist Sean McGowan**, part of the Union Board's TGIF Jazz Series, 12:15 p.m., Jan. 26, Bangor Lounge, Union. x1734.

**Dropping Courses for Refunds Ends**, 4:30 p.m., Jan. 26.

**Ice Hockey: UMaine vs. UMass-Amherst**, 7 p.m., Jan. 26, Alford Sports Arena. Admission fee. xBEAR.

**Comedy Café** with Rick Jenkins and Bob Carney, offered by the Union Board, 9 p.m., Jan. 26, Damn Yankee. Admission fee. x1734.

## 27 Saturday

**Swimming: UMaine vs. Boston College**, 11 a.m., Jan. 27, Wallace Pool. Admission fee. xBEAR.

**Movie: Angel Cop: 1, 2 & 3**, part of the Japanese Animated Series, offered by the Union Board, 6:30 p.m. and 9:15 p.m., Jan. 27, 100 Corbett Business Building. Admission fee. x1734.

**Ice Hockey: UMaine vs. UMass-Amherst**, 7 p.m., Jan. 27, Alford Sports Arena. Admission fee. xBEAR.

## 29 Monday

**Do-It-Yourself Database Searching Workshop**, focusing on science and engineering databases, 9-10:30 a.m., Jan. 29, Fogler Library Classroom. Free/preregistration required. x1678.

**"The Use of Plant-Microbe-Soil Model Systems for Characterizing Allelopathic Interactions Involving Mixtures of Phenolic Acids and/or Other Compounds,"** by Udo Blum, chair and professor of botany, North Carolina State University, offered by the Department of Ecology and Environmental Sciences and the Sustainable Agriculture Program, 11 a.m., Jan. 29, 101C Deering Hall. x2975.

**"The Ecology of Flamingos: Interface of Conservation and Science,"** by Guy Baldassarre, professor of wildlife, SUNY, part of the Wildlife Ecology Seminar Series, noon, Jan. 29, 204 Nutting Hall. x2862.

**"Student Peacemakers at UMaine: What Are We Doing to Build a Peaceful World?"** by Evie Slaven, part of the Peace Studies Luncheon Series, 12:15-1:30 p.m., Jan. 29, Bangor Lounge, Union. x2609.

## 30 Tuesday

**"Effects of Clover and Small Grain Cover Crops on Seedling Emergence of Selected Dicotyledonous Weed Species and on Soil Environmental Factors in No-till Systems,"** by Udo Blum, chair and professor of botany, North Carolina State University, offered by the Department of Ecology and Environmental Sciences and the Sustainable Agriculture Program, 11 a.m., Jan. 30, 101C Deering Hall. x2975.

**"Recent Research on Women in Sport,"** with Suzanne Tyler, part of the Women in the Curriculum Program Lunch Series, 12:15-1:30 p.m., Jan. 30, Bangor Lounge, Union. x1228.

**SYSTAT for Windows**, a CAPS seminar with Wayne Persons, 3:30-5:30 p.m., Jan. 30, 107 Corbett Business Building. x3524.

**Panther**, part of the Not at the Mall Film Series, 6:30 p.m. and 9:15 p.m., Jan. 30, 100 Corbett Business Building. Admission fee. x1734.

**La Traviata**, part of the Maine Center for the Arts performance season, 7 p.m., Jan. 30, Hutchins Concert Hall. Admission fee. x1755.

**Women's Basketball: UMaine vs. Hartford**, 7:30 p.m., Jan. 30, Alford Sports Arena. Admission fee. xBEAR.

**Coffee House** with Anne Dodson, offered by the Union Board, 8 p.m., Jan. 30, Peabody Lounge, Union. x1734.

**Maine Review Poetry Readings**, 8 p.m., Jan. 30, Ram's Horn. x1734.

## 31 Wednesday

**Fogler Library Open Meeting**, 10:30 a.m.-12:30 p.m., Jan. 31, Lynch Room, Library. x1660.

**"Celebrating Civil Rights: A Poetry Celebration of Black History,"** part of the Poetry Free Zone series, noon, Jan. 31, Honors Center. x1441.

**"You, Academics and Stress: How to Deal with It All,"** part of the NTS Topics series, 12:15 p.m., Jan. 31, Davis Room. x1734.

**"Healthcare Practice and Profits: Impact on Maine Consumers,"** by John Dieffenbacher-Krall, Penobscot Valley director, Maine People's Alliance, part of Healthspeak '96, 12:20-1:30 p.m., Jan. 31, Bangor Lounges, Union. x4194.

**Macintosh Internet Tools**, a CAPS seminar with Eloise Kleban, 3-5 p.m., Jan. 31, 107 Corbett Business Building. x3524.

# Ongoing Events

## Conferences/Seminars/Workshops

**Introduction to URSUS**, Internet Workshops offered by Fogler Library, 1:30-3 p.m., Jan. 23; 9:30-11 a.m., Jan. 31; 6-7:30 p.m., Feb. 5; 2-3:30 p.m., Feb. 13; 9:30-11 a.m., March 20, Computer Instruction Room, Library. Pre-registration required. x1678.

**Navigating the Internet**, Internet Workshops offered by Fogler Library, 10 a.m.-noon, Jan. 25; 2-4 p.m., Feb. 7; 10 a.m.-noon, Feb. 29; 10 a.m.-noon, March 6; 6-8 p.m., March 26; 2-4 p.m., April 8, Computer Instruction Room, Library. Pre-registration required. x1678.

**HTML**, a two-part CAPS seminar by Eloise Kleban, 3-5 p.m., Jan. 29 and Feb. 5, 107 Corbett Business Building. x3524.

**Uncover Journal Database**, Internet Workshops offered by Fogler Library, 2-3:30 p.m., Jan. 29; 10-11:30 a.m., Feb. 22, Computer Instruction Room, Library. Pre-registration required. x1678.

**Basic HTML**, Internet Workshops offered by Fogler Library, 9:30-11:30 a.m., Jan. 30; 1:30-3:30 p.m., Feb. 26, Computer Instruction Room, Library. Pre-registration required. x1678.

**Using the Mainframe for E-mail**, a two-part CAPS seminar with Wayne Persons, 3-5 p.m., Feb. 7 and Feb. 14, 107 Corbett Business Building. x3524.

**Scholarly Communication on the Internet**, Internet Workshops offered by Fogler Library, 9:30-11:30 a.m., Feb. 8; 1:30-3:30 p.m., March 18, Computer Instruction Room, Library. Pre-registration required. x1678.

## Entertainment

**"Worlds of Wonder,"** a Planetarium show, 7 p.m. Friday, Feb. 2-23 and March 22-26, Wingate Hall. Admission fee. x1341.

**Die Fledermaus**, an opera by Johann Strauss, directed by Tom Mikotowicz, with music conducted by Ludlow Hallman and vocal direction by Nancy Ogle, part of the Maine Masque Series of the School of Performing Arts, 8 p.m., Feb. 23-24, Hutchins Concert Hall. Admission fee. x1773.

**"Follow the Drinking Gourd,"** a Planetarium children's show, 2 p.m. Sundays, through Feb. 25, Wingate Hall. Admission fee. x1341.

## Exhibits/Demonstrations/Tours

**Art Faculty Annual**, a University of Maine Museum of Art exhibit, Jan. 26-March 29, 1938 and Carnegie Gallery and the 1938 Gallery, Carnegie Hall. x3255.

**Particular Places: Two Maine Visual Artists**, a University of Maine Museum of Art exhibit, through Feb. 2, Hauck Auditorium Gallery, Union. x3255.

**Between the Covers: Book as Artwork**, Owen Smith and Company, a University of Maine Museum of Art exhibit, through March 3, Hole in the Wall Gallery, Union. x3255.

**Tree and Tradition: Brown Ash and Maine Native American Basketmaking**, a Hudson Museum exhibit, through next fall, Maine Center for the Arts. x1901.

**Maine Forest and Logging Museum - Leonard's Mills**, a water-powered sawmill community site, open daily 9 a.m.-4 p.m., with guided tours available, Bradley. x2871.

**University of Maine Museum of Art** open Monday-Friday, 9 a.m.-4:30 p.m. x3255.

**Page Farm and Home Museum** open Tuesday-Saturday, 9 a.m.-4 p.m. x4100.

**Hudson Museum** open Tuesday-Friday, 9 a.m.-4 p.m.; Saturday-Sunday, 11 a.m.-4 p.m. x1901.

**Athletic Mementos and Memorabilia Past and Present**, an M Club-sponsored exhibit, Memorial Gym Lobby.

## Meetings of Groups/Organizations

**Foreign Languages Tables**: Monday - French; Tuesday - Russian; Wednesday - German; Thursday - Spanish; all noon-1 p.m., 207 Little Hall. x2073.

**Peace Corps Office** open 1-4 p.m., Monday; 10 a.m.-2 p.m., Wednesday; 9-11 a.m., Friday, or by appointment, Career Center, Chadbourne Hall. x1633.

**Maine Peace Action Committee** meets every Tuesday, 6 p.m., Virtue Room, Maples. x3860.

**Earth Week Planning Committee** meets every Wednesday, noon, Union. Most meetings in the 1912 Room. x3777.

**Women's Center**, open to all students interested in sharing opinions, responses and ideas concerning women's issues, meets every Wednesday, 3-4:30 p.m., Women's Resource Center, 101 Fernald Hall. x1508.

**PEAC - Professional Employees Advisory Council**, meets the first Thursday of every month, FFA Room, Union.

**Association of Graduate Students** meets twice a month, noon, Lown Rooms, Union. x4548.

**Nontraditional Student Coffee Hour**, every Thursday, 3 p.m., Commuter Lounge, Union. x1820.

**Prisoners of Gender**, every Friday, 1:15 p.m., Davis Room, Union. 827-8118.

**International Coffee Hour**, every Friday, 4 p.m., Peabody Lounge, Union. x2905.

## Religious Worship

**Newman Center/Our Lady of Wisdom Parish Weekly Liturgy**: Sunday, 9:30 a.m. and

6:15 p.m., Newman Center, 11:30 p.m., Bangor Lounge, Union; Monday-Thursday, 4:45 p.m., Newman Center. 866-2155.

**Orono Friends Meeting (Quaker)**, every Sunday, 10 a.m., Orono Community Center, Bennoch Road. 942-7255.

**Protestant Ecumenical Worship**, 11 a.m. worship with gathered community; 5 p.m. meditation and community prayer; 5:45 p.m. home-made soup and bread served; 6:30 p.m. Sojourners - intentional community gathered for African Bible Study, all on Sunday, Wilson Center 866-4227.

**Hindu Prayer Meeting**, contact Arvind Sharma, 866-0304.

**Taste of Home Potluck**, bring a favorite dish to share, every Thursday, 5:30 p.m., Wilson Center, 67 College Ave. 866-4227.

**Muslim Prayer**, every Friday, noon-2 p.m., Drummond Chapel. x3449.

**Wilson Center**, open as a place for solitude, study and gathering, 8 a.m.-9 p.m., daily. 866-4227.

**Dances of Universal Peace**, participative Meditations in Motion, offered by St. James' Church, the second Friday of every month, 7-9 p.m., Canterbury House, corner of College Avenue and Chapel Road. No previous experience required. 866-7918.

## Miscellaneous

**Study Abroad Resource Room**, open 9-11 a.m., and 1-3 p.m., Monday-Friday, third floor, the Maples. x2905.

### UNION COFFEE SHOP Spring Semester Hours

7 a.m.-11:30 p.m., Monday-Thursday  
7 a.m.-3 p.m., Friday  
Closed Saturday  
3-11:30 p.m., Sunday.

### Maine Bound January Schedule

Winter Adventure Festival on the Mall,  
Jan. 26  
Beginning Ice Climbing - Acadia,  
Jan. 27-28  
Kayak and Canoe Rolling, Jan. 28  
Snowshoe Clinic, Jan. 30  
Climbing Wall Clinic, Jan. 31

Send notices of  
upcoming campus events  
and any spring schedules  
to **Maine Perspective**  
for inclusion in the  
**UMaine Calendar**.



**Perspectives of Public Higher Education: Developments in the Congress and the Legislature**, a videotape of proceedings from the conference: "Assessing the Environment for Public Higher Education," featuring presentations by Peggy Crawford and John Halstead, offered by the Division of Student Affairs, 3:15 p.m., Jan. 31, FFA Room, Union. x1820.

**"Biodiversity: What Is It? Why Do We Care About It?"** a slide presentation by Mac Hunter, offered by S<sup>3</sup> - Support for Science Students Program, 6:30 p.m., Jan. 31, Oxford Hall Lounge. x3849.

**Theater Production by Alicia Quintano** addressing eating disorder issues, part of "Friends Helping Friends" Eating Disorders Awareness Week, 7:30 p.m., Jan. 31, 100 Corbett Business Building. x4008.

**Fogler Library Open Meeting**, 10:30 a.m.-12:30 p.m., Jan. 31, Lynch Room, Library. x1660.

## 1 Thursday

**"Quebec: 160 Years of Separation and the Referendum,"** by Jacques Ferland, part of the Socialist and Marxist Studies Luncheon Series, 12:30-1:45 p.m., Feb. 1, Bangor Lounge, Union. x3860.

**Hearts and Minds**, part of the Peace and Justice Film Series, 7 p.m., Feb. 1, 100 Corbett Business Building. x3860.

## 2 Friday

**Do-It-Yourself Database Searching Workshop**, focusing on science and engineering databases, 2:30-4 p.m., Feb. 2, Fogler Library Classroom. Free/preregistration. x1678.

**"Color and Creation: Ancient Panamanian Ceramic Art and Aristocratic Legitimacy,"** by Mary

Helms, professor of anthropology, University of North Carolina, part of the Hudson Museum's 1996 Lecture Series, 3:30 p.m., Feb. 2 (snow date: 2 p.m., Feb. 3), Bodwell Area, Maine Center for the Arts. x1901.

**Men's Basketball: UMaine vs. Hofstra**, 7:30 p.m., Feb. 2, Alford Sports Arena. Admission fee. xBEAR.

## 3 Saturday

**Women's Track: UMaine vs. Central Connecticut**, Feb. 3. xBEAR.

**Swimming: UMaine vs. University of New Hampshire**, 2 p.m., Feb. 3, Wallace Pool. xBEAR.

**Black History Celebration Social**, part of Black History Month, offered by Multicultural Student Affairs, 6 p.m., Feb. 3, Wells Conference Center. x1405.

## 4 Sunday

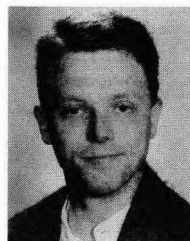
**Men's Basketball: UMaine vs. Drexel**, noon, Feb. 4, Alford Sports Arena. Admission fee. xBEAR.

## 5 Monday

**"An Update on Butterfly Conservation at Baxter State Park,"** by Jean Hoekwater, Baxter State Park naturalist, part of the Wildlife Ecology Seminar Series, noon, Feb. 5, 204 Nutting Hall. x2862.

**"Student Peacemakers at UMaine: What Are We Doing to Build a Peaceful World?"** by Ben Meiklejohn and Chris Bragdon, part of the Peace Studies Luncheon Series, 12:15-1:30 p.m., Feb. 5, Bangor Lounge, Union. x2609.

## Look Who's On Campus



Tim Wise, a New Orleans-based political analyst and writer specializing in race relations, domestic economic policy and political movements of the far-right, will speak Wednesday, Jan. 24 on: "White Lies: The Truth About Affirmative Action and Racism in America." Wise conducts anti-prejudice seminars with the Youth Anti-Prejudice Project. From 1992 he was assistant director of the Louisiana Coalition Against Racism and Nazism, a political action committee credited in part with helping end the political career of David Duke. Wise is the author of *The Politics and Background of David Duke*, and *The Politics of Prejudice: Racial Scapegoating in the 1990s*.

Paul Petzoldt, founder of the National Outdoor Leadership School and the Wilderness Education Association, will be on hand Friday, Jan. 26 for an "evening chat" to cap Maine Bound's Winter Adventure Festival on the Mall that day. Few people have spanned the century with as much flair and thirst for adventure as this legendary mountaineer. Petzoldt first climbed Wyoming's Grand Teton when he was 16 years old in 1924. He went on to be the first true mountain guide in America and held the world altitude record. He was the first and chief instructor of the Colorado Outward Bound School. He lives at Sebago Lake and in Idaho.

Udo Blum, chair and professor of botany at North Carolina State University, will be on campus for two lectures Monday-Tuesday, Jan. 29-30: "The Use of Plant-Microbe-Soil Model Systems for Characterizing Allelopathic Interactions Involving Mixtures of Phenolic Acids and/or Other Compounds," and "Effects of Clover and Small Grain Cover Crops on Seedling Emergence of Selected Dicotyledonous Weed Species and on Soil Environmental Factors in No-till Systems." Blum is a leading researcher in the field of physiological ecology with interests in: effects of physicochemical and biotic stresses on plant growth and development; organismal interactions (allelopathy and competition); and the ecology of roots.



Actress Alicia Quintano of Gloucester, Mass., will give a performance Wednesday, Jan. 31, as part of "Friends Helping Friends" - Eating Disorders Awareness Week. Her original monologues featuring contemporary characters address issues of power and identity. Quintano has directed plays in New York and been awarded grants as both director and performer.



Mary Helms, professor of anthropology at the University of North Carolina, Greensboro, will lecture Friday, Feb. 2 on: "Color and Creation: Ancient Panamanian Ceramic Art and Aristocratic Legitimacy." The illustrated lecture will focus on the symbolism of Colee ceramics as a reflection of the ways in which native chiefs legitimized their power in what is now Panama. Helms addresses the subject in her most recent book: *Creations of the Rainbow Serpent: Polychrome Ceramic Designs from Ancient Panama*.

### STUDENT PEACEMAKERS AT UMAINE: WHAT ARE WE DOING TO BUILD A PEACEFUL WORLD?

#### Peace Studies Luncheon Series

#### Mondays, 12:15-1:30 p.m., Bangor Lounge, Union

- |             |   |
|-------------|---|
| January 2   | - Evie Slaven, recipient of the first Elizabeth A. Morris Peacemaker Award  |
| February 5  | - Ben Meiklejohn and Chris Bragdon, Student Government  |
| February 19 | - Scott Labby, Clint Ruhlman, Molly Hogan, Maine Peace Action Committee   |
| March 25    | - Pauline Samuda, Thula Gwebu, Daniela Starcevic, women who are international students  |
| April 8     | - John Bear Mitchell, Penobscot Nation  |
| April 22    | - Judith Redding, ecofeminist, and representatives from the Student Organization for Natural Resources and the Sustainable Agriculture Interest Group |

## People in Perspective

Throughout her life, Suzanne Moulton has worked diligently at finding her own voice. Since she was a child, she has been writing the thoughts that she couldn't always verbalize. That perseverance has been honed through the years to the point that today she uses her persuasive writing talents to aid those who are without a voice, including classified employees on campus. As a history major concentrating on women's history, she hopes someday to add to the dialogue about a segment of the population that was without much of a voice throughout the annals.

"Giving women a voice is important. I'd like to help them realize that they have a lot to say and a right to say it," says Moulton. "That comes from all those years when I didn't think I had anything to say – or the right. Now that I realize that isn't true, I'd like to help others do the same."

Moulton describes herself as "one of those kids who crossed the street rather than have to talk to people. I was still that way when I came here to work," she says. "I was so lacking in self-confidence."

Moulton first worked on campus as a staff member for Maine Public Broadcasting in 1967. In what was then the MPBN studio, located in Alumni Hall, Moulton's responsibilities included typing the teleprompt scripts on a hulking machine that was so loud that it was kept in a small closet-like area backstage. "Sometimes I'd do the typing, then run out front and serve as the audience," she says with a smile.

She worked for MPBN for a year before marrying and moving from the area. Beginning in 1975, Moulton worked for three years as a secretary for the USDA research service, located on campus. In 1987, she joined the History Department, where she now works as an administrative assistant I.

Landing a position in the History Department was a happy coincidence, if not serendipitous. "I had started taking history classes before I got this job," Moulton says. "I disliked history in high school and decided I would get the college course out of the way in my degree requirements. I took my first class with David Defroschia and he excited me so much about the subject that I immediately signed up for another history class."

Moulton says going to college was a pursuit that seemed out of reach for so long. "My father didn't believe in college for women. I decided then that I would have to do it on my own someday. I just didn't figure that my someday would be 30 years later, but here it is."

Moulton is now a junior majoring in history ("because I get to do my own add-drop," she quips) and taking classes in Women's Studies. Her focus is on women's history, and she attributes a major turning point in her life to the education she has received at UMaine.

"Education – going to classes – has made the difference," she says. "It had to do with realizing I have something to say, and in every class I've taken, I've built on that. I always had a sense of justice – a driving force for me ever since I was a kid. I stood up for others but not for myself. The education I received helped me to solidify those feelings of hunger for justice and helped me put it all into a package so I could effectively verbalize how I feel about things."

"I've been writing poetry and fiction all my life as a way of saying the things I couldn't verbalize," Moulton says. "I used creativity to find a voice, and still use it that way. Today, I also do more persuasive writing on issues important to me."



Suzanne Moulton

Photo by Kathryn Rice

Moulton is not one to shy away from a cause. For the past year and a half, she has served on the Support Staff Committee of the Women's Resource Center that helped bring about the reestablishment of the Classified Employee Advisory Council. She now serves as one of the founding members of CEAC where, like the Support Staff Committee, she hopes classified employees will find a "safe" place to talk about issues, and thereby find their voices.

"From my perspective as a classified employee, I feel my colleagues don't have enough of a voice," Moulton says of her professional involvement on campus. "We are one of the most valuable resources in the University community and yet (our potential for contributions) is almost totally untapped. There is a level of caring for this University from our group of employees that is important but largely unnoticed. I like to think that our voice can be used not only to help address campus issues but to make the University a better place."

Commitment to making the University a better place plays a large part in Moulton's role in the History Department Office. She attributes her longevity in her job to the "family" she has cultivated in the Department faculty. But for those who know her well, it is her dedication to creating a welcoming environment for all that has made for memories.

"It helps to be a student because I can see things from that perspective as well as from behind my desk," she says. "The experience gives me a little more identification with the issues students are facing. The students are so important. And they're always amazed that I know them by name. I meet them once and can remember their names, and they love that. We have about 130 majors and I know the names of almost all of them."

# International Experiences Generate Lasting Influence

The power of a single experience is in the ripple effect, University of Maine Mathematics Education Professor Bernard Yvon has told students for the past quarter century, and he sets a strong example. When he retires this month, it will be the continued and broadening influence of a sojourn in England 20 years ago that significantly defined his career.

Through two decades of building relationships, initiating programs, and nurturing and monitoring both, Yvon has created a two-way channel of international opportunities for students and teachers. The experience of living in other cultures and working in totally different educational systems has changed the philosophy and practice of many educators, but it's that ripple effect that most interests Yvon.

"The more multi-cultural and global experiences we can provide teachers of young children, the more tolerance and appreciation of differences they can bring to the classroom," he says. "If teachers get excited about other countries and cultures, they will pass on that interest and respect to their students."

As a visiting lecturer at the University of East Anglia in Norwich in 1976, through his own children's experiences in British schools, and travel throughout Europe that year, Yvon returned committed to expanding opportunities for the international exchange of educational ideas and experiences. While continuing his focus of preparing undergraduate and graduate students to be creative teachers of mathematics, Yvon pursued global connections.

As a result, more than 200 UMaine students have done their student teaching in school systems in Canada, England and Australia, and even one in Brazil. This spring UMaine students also will be teaching in schools in Ireland and Germany. Practicing educators and students from both sides of the Atlantic also have benefited from programs initiated and coordinated by Yvon, including study tours and first-hand experience in schools.

One of the newest programs brings Dutch university students to UMaine for cultural and language immersion and a six-week

*continued on page 15*

## FOGLER LIBRARY OPEN MEETINGS

Elaine Albright, dean of Cultural Affairs and Libraries, invites all faculty to attend an open meeting to discuss issues related to the Library. Chief among these is the Library's new storage facility. Work is nearly completed on this 13,000 square foot facility, which is located at the south end of the campus behind the Sawyer Environmental Research Center. Many decisions must be made in the upcoming the selection of materials to be stored there.

Current plans include the transfer of large numbers of older, infrequently used, government documents and books from the circulating collection still classified under the Dewey Decimal System. Other materials will have to be transferred in order to reinstate some of the more than 500 user stations (including individual carrels and large tables) that had to be removed from the Library over the last 10 years to accommodate the growing need for book and periodical shelving. The Dean would like to invite suggestions from the faculty about these processes and discuss some of the plans that will be put into place to provide access to the materials housed in the storage building.

Other issues related to the information needs of the University community include access to electronic resources and the creation of a digital library, document delivery, journal subscriptions, ITV, and the future of URSUS. As time permits, Dean Albright would like to discuss some of these issues, as well as the creation of a faculty library advisory committee.

Open forums are scheduled for Wednesday, Jan. 31, 10:30 a.m.-12:30 p.m.; and Thursday, Feb. 1, 2-4 p.m., Lynch Room, Library.



Bernard Yvon, center, talks with Roy Baker, left, of the University of East Anglia in England, and Albert Sleutjes of the Hogeschool Katholieke Leergangen in The Netherlands, during a recent UMaine campus visit.

*Photo by Monty Rand*

## Did You Know

- ▼ The Office of International Programs can provide faculty and students with addresses and phone numbers for visa applications, consular offices and embassies both in the U.S. and abroad.
- ▼ The total international student population is 449, including 53 newly enrolled students and 35 on practical or curricular training.
- ▼ Fifteen international research scholars or specialists are currently on campus working with faculty. In a year, some 35-40 international exchange visitors are on campus for professional affiliations.
- ▼ The Office of International Programs Study Abroad Resource Room on the third floor of the Maples is a library of catalogs and brochures describing numerous study abroad and work abroad opportunities, many of which are in English-speaking countries. New hours are noon-4 p.m., Monday-Friday.

## Planning Under Way for Earth Week '96

Under the theme Celebrating Our Partnership with Earth, a UMaine committee is making plans for Earth Week '96, currently scheduled for April 15-24. The celebration will include displays, volunteer service activities and presentations.

A campuswide planning committee meets every Wednesday at noon in the Union, most frequently in the 1912 Room. Participation is open to all students, staff and faculty. The committee has received funds to bring speakers to campus to focus attention on the spiritual and economic aspects of environmental issues.

Academic departments and campus organizations are welcome to participate by conducting special events and having their activities listed in publicity. Information is available from committee chair Scott Wilkerson, x3300.

## Oral Exams

"The Effects of Dietary Manganese Deficiency on High Density Lipoprotein Structure and Composition in the Sprague-Dawley Rat," by Paul Taylor, candidate for Ph.D. in food and human nutrition, 2:30 p.m., Jan. 24, 19 Merrill Hall.

"Principals' Use of Reflective Practice," by Kit Juniewicz, candidate for Ed.D., 9:30 a.m., Jan. 25, Maine Municipal Building, Augusta.

"Freudian Theory of Ego in Harold Pinter's *Old Times*," by Shannon Roark, candidate for master's degree in theatre, Feb. 5, 1812 Room, Union.





# Lead Exa

I am a little embarrassed by the recognition because I am not sure it is deserved. However, I am also deeply honored by the source of the recognition because, as I believe Harvey Pennick (the golf instructor) said, "We are frequently misjudged by our superiors, but never by our subordinates."

Having said that, the use of "superiors" and "subordinates" strikes me as wrong, which I guess leads to my "philosophy":

1. No one "works for me" and I am no one's "boss." We all have different jobs to do.

2. No one in the organization is indispensable, this applies particularly to me.

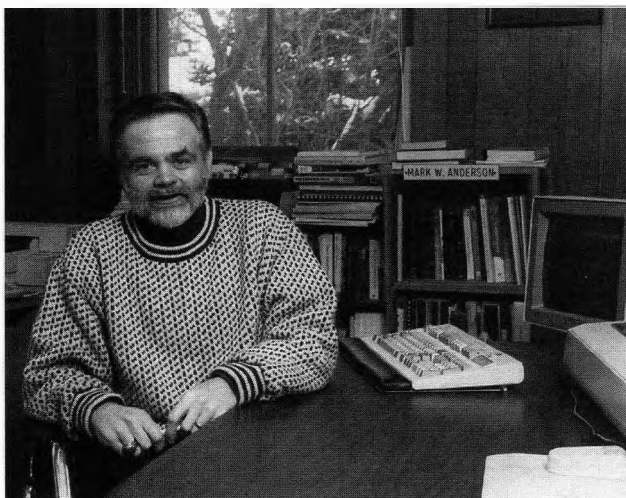
3. We are all the best judges of whether we are doing our work well, and we are usually the best judges of what work needs to be done.

4. Everyone should have the chance to better themselves; this is, after all, an educational institution.

5. We are all privileged to work at the University and to live in Maine. We owe the institution, not vice versa.

In the final analysis, I work with great people.

*Mark Anderson, Associate Director of the  
Maine Agricultural and Forest Experiment Station*



As Extension Educator, I have supervisory responsibilities for six nutrition aides who develop and teach nutrition education programs to youth, families with school-age children and senior citizens. They deliver programs in a variety of settings, including Head Start sites, homes, schools and senior housing units. These aides generally work out of their homes, and direct contact with the office is limited.

I feel that successful supervision stems from providing appropriate support for both the person and the program, granting each individual the freedom to adapt her/his own work style to accomplish the task, and from mutual respect for each other. At each bi-monthly training session, we take time to share concerns and to recognize each others' successes. As a result of this approach, we have formed a strong, synergistic team that brings out the best in each of us.

*Pat Snell, Extension Educator, Aroostook County*



Have the people you work with want to get up in the morning and come to work. As they are driving or bicycling they are thinking of new ideas, rethinking old ideas, wondering how to improve this or that, ready to risk beyond their comfort zone, fully empowered to make decisions because they understand the vision we are all working toward. When they arrive at work, only the systems are routine, not the work. Each day they leave with a sense of accomplishment, having learned something different, and able to leave work at work because the rest of the roles they work at need their full attention. As a manager, supervisor, and facilitator, it is my job to be sure this happens and to maintain a quality of life to the workplace.

We are a learning organization. If empowerment, improved self-esteem, life-long learning, and a discovery environment cannot happen here then we are hypocrites about the very work we want others to do outside the University. We are a land-grant college. I take that very seriously. People who work here are also the taxpayers for this college system. I would never want an employee to say we do not practice what we preach, do not walk the walk, only talk the talk.

*Sandy Brawders, Director of the State  
Literacy Resource Center, College of Education*



Last summer, the Women's Support Staff Committee nominated their outstanding supervisor for the Annual Recognition of Supervisors competition to determine the best but as an opportunity to highlight their examples, are resource. Recognizing outstanding supervisors raises awareness about leadership, and increases a healthy work environment.

Seven supervisors from the campus were chosen from among the nominees for the Annual Recognition of Supervisors on management style, attributes. According to members of the Center and the Support Staff, "true, exemplary supervisors" and each has different strengths and a spectrum of skills that a good supervisor should have.

"It is our hope to have the effort in leading by example. Center Director Sharon Brawders have each supervisor continue on campus: acting as a resource and/or constructive criticism workshops and staff development.

The seven outstanding supervisors were received earlier this month.

For this *In Focus* feature, we present his or her philosophy as a leader in the work environment he or she leads.



I try to treat people the way I would like to be treated. I make a conscious effort to be approachable though they can come to me for a good example by working hard. I attempt to treat people equally in positive reinforcement. Last year, in any circumstance, honesty is always the best policy.

*Jane Brown*

# Leading by Example

Last summer, the Women's Resource Center and its Support Staff Committee called for classified women to nominate their outstanding supervisors for the First Annual Recognition of Supervisors. The initiative is designed not as a competition to determine the best supervisors on campus, but as an opportunity to honor those supervisors who, by their examples, are resources for the campus community. Recognizing outstanding supervisors in the campus community raises awareness about the importance of effective leadership, and increases opportunities for dialogue concerning healthy work environments.

Seven supervisors from the University community were chosen from among the many nominations in this First Annual Recognition of Supervisors, based on criteria focusing on management style, attributes, and policies and procedures. According to members of the Women's Resource Center and the Support Staff Committee, there are many "true, exemplary supervisors at the University of Maine," and each has different strengths and abilities that depict a spectrum of skills that a good supervisor could incorporate.

"It is our hope to have those recognized be part of a team effort in leading by example," according to Women's Resource Center Director Sharon Barker. "Looking forward, we hope to have each supervisor contribute to supervisory development on campus: acting as a resource to others, offering advice and/or constructive criticism, and providing time and skills at workshops and staff development."

The seven outstanding supervisors cited were honored at a reception earlier this month at the Women's Resource Center.

For this *In Focus* feature, each was asked to elaborate on his or her philosophy as a supervisor, and to describe the work environment he or she is trying to create as effective leaders.



I try to treat people the way I would like to be treated. I make a conscious effort to be approachable and to make people feel as though they can come to me for assistance or for advice. I strive to set a good example by working hard and by maintaining a positive attitude. I attempt to treat people equally and with respect. I am a firm believer in positive reinforcement. Lastly, I believe that no matter what the circumstance, honesty is always the best policy.

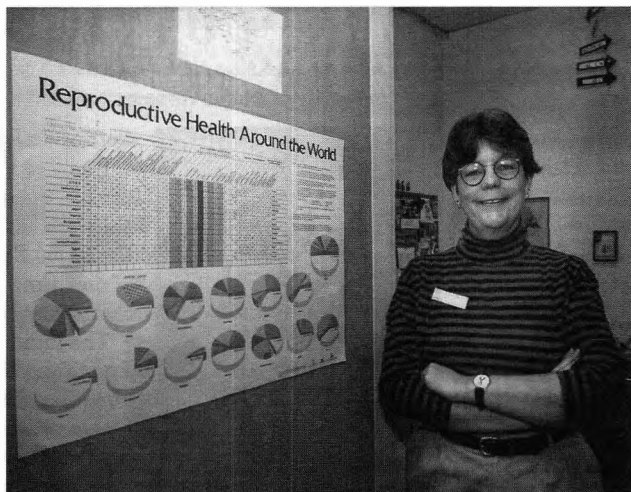
*Jane Brown, Administrative Associate, Fogler Library*

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I admit that until asked specifically to articulate a philosophy of supervision, I had never given it much thought. I am a healthcare clinician and my career focus has always been direct client services rather than management. Consequently, I do not feel qualified to espouse "a philosophy."

Within Women's Health Services, we have all been committed to working without a hierarchical system. Decisions and management issues have always been made together and I can truthfully say that every member of the team is equally valued. A flat level of management like this is not without its problems — primarily when management issues demand time and energy, and everyone is involved in his or her direct service roles. There is no designated leader with time and management expertise to devote. That's the downside. The positive side is a working environment where we function as a true team and work toward a common goal, and philosophy of care.

*Shellie Morcom, Nurse Practitioner  
for Women's Health, Cutler Health Center*



In my supervisory role (as in all other aspects of my life), my guiding philosophy is to treat others the way I would like to be treated. For me, this entails honesty, caring about people, and treating them with respect. I also feel it's important to be clear about what you expect from others, and to be a good listener. Another vital part of a supervisor's role is to support and to encourage the professional growth/development of others. For me, an essential part of this process is to allow others a maximum amount of autonomy when carrying out their responsibilities. It has been my experience that this approach stimulates creativity, initiative, and motivation. With a foundation of mutual trust, it then becomes possible to work together as peers and as a team. Creating a work environment that is relaxed, friendly, and open is another one of my priorities. Humor is an integral part of this process for me — it helps to put things in perspective and it's a great way to diffuse the stress of our everyday lives. I sincerely believe being able to laugh together makes it a lot easier to work together.

*Sandy Gardner, Chair and  
Associate Professor of Sociology*



My philosophy as a supervisor is based on principles instilled in me as I grew up in rural Maine. One was to respect a person for who they are, and to be willing to listen to their concerns and problems. Recognizing the contributions each individual makes to the unit, and ensuring that they receive public praise for their efforts, is extremely important. Second, be willing to accept and institute new ideas that could improve the unit's operations even if they were not your idea. Finally, as a supervisor you should not assign tasks to those working with you that you would not be willing to do yourself.

The work environment should be one where the spirit of cooperation exists at all levels. Individuals should feel comfortable bringing their problems to you, knowing that they will be dealt with in a timely manner. Whenever possible, all individuals should be involved in decisions that will affect the unit. The work environment should be such that each person recognizes the importance of their contributions to the success of the unit.

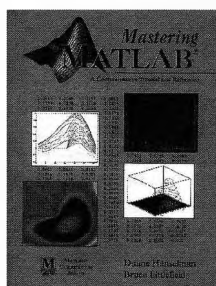
*Al Bushway, Professor of Food Science*



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# V O L U M E S

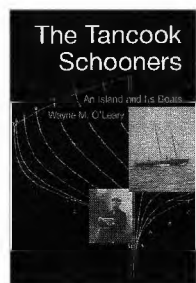
## Recent Works by University of Maine Authors



### **Mastering MATLAB: A Comprehensive Tutorial and Reference** By Duane Hanselman and Bruce Littlefield (Prentice-Hall, 1996)

The text, *Mastering MATLAB*, is a self-contained tutorial and reference for the software program MATLAB, which provides an interactive environment for technical computation, visualization, and application development. The text offers a comprehensive treatment of MATLAB features and programming for a wide range of users – from beginners to power users. It is published as part of Prentice-Hall's MATLAB Curriculum Series.

*Mastering MATLAB* is the fifth text for Hanselman and the second for Littlefield.



Wayne O'Leary, research associate in history, has been awarded the 1995 Keith Matthews Prize, given annually by the Canadian Nautical Research Society for the best book on a Canadian maritime topic. The award is for O'Leary's book, *The Tancook Schooners: An island and its Boats*, published in 1994 by McGill-Queen's University Press. In *Tancook Schooners*, O'Leary recounts the history of a remarkable yet neglected Atlantic Canadian watercraft, the "little Bluenoses." In addition to detailing how the schooners were conceived and perfected, he also records the story of a unique, although in many ways, typical Maritime coastal community on the brink of the modern industrial age. In his book, O'Leary paints a vivid picture of life on Tancook from the late 18th century into the 20th century.

### **Nontraditional Student Scholarships**

Nontraditional student scholarship applications for full-time undergraduate students are available at The Commuter Office, Union. Application Deadline: Friday, Feb. 9.

### **SCIENTIFIC EQUIPMENT AND BOOK FUND**

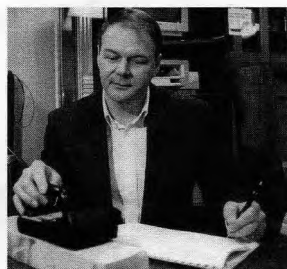
REMINDER: The deadline for receipt of applications for the Scientific Equipment and Book Fund competition is Monday, Feb. 12. The Scientific Equipment and Book Fund provides awards for the acquisition of equipment or library collections. Approximately \$35,000 is available for this competition (6-10 awards are expected to be made). The usual upper limit for this competition is \$7,000; requests for larger amounts will require exceptional justification.

The purpose of these funds is to stimulate and assist individual members of the faculty to initiate or redirect research or studies of a scholarly nature. Eligibility is limited to tenured and tenure-eligible faculty. Faculty are eligible to receive this award every three years. Proposals will not be considered from individuals with delinquent reports from any previous Faculty Research Funds Awards.

Application packages are available in the Offices of the Deans and in the Office of Research and Sponsored Programs, 424 Corbett Hall, x1498.

# The CUTTING EDGE

## University of Maine Research on the Frontiers of Science



Robert Rice works in a Nutting Hall laboratory with one of the sophisticated meters he used to evaluate the *Snow Squall's* soundness. Photo by Monty Rand

### **Getting Ship-Shape**

Using a lumber kiln to dry out the old wooden bow of a clipper ship has led to the stabilization of the *Snow Squall*, a priceless piece of maritime history and Yankee craftsmanship.

The main concern with kiln drying the clipper, done under the direction of Robert Rice, University of Maine associate professor of wood science and technology, was whether or not it would shrink and collapse.

After assessing the condition the clipper, Rice determined that there was enough strong wood so that what deterioration was likely to occur either would not be significant or would not occur in critical sections. With a valuable maritime treasure to lose if something wasn't done, the Spring Point Museum, which owned the clipper and had asked Rice for advice, decided to put his theory to the test. The *Snow Squall* was placed inside an Old Town Lumber kiln Oct. 5 and was removed two months later – intact.

"We dry many, many million board feet of lumber in Maine a year now. It is a very expensive process but it has to be done to keep the wood stable and to prevent decay. Understanding how wood dries led to the ability to dry the ship. Each case we do would have to be different, though. The *Snow Squall* is not indicative of how another similar item would be done. It only shows that large, complex shaped artifacts respond well to this type of drying: low temperature, mild drying conditions, carefully watched and monitored. We didn't know that before because no one had done this," Rice says.

### **On the Trail of a New Anti-malarial Drug**

University of Maine chemists have modified a traditional Chinese folk remedy to create a compound with promising anti-malarial properties. The U.S. Army has shown an interest in the drug because existing treatments are losing their effectiveness, says Michael Bentley, chair of the UMaine Department of Chemistry.

"The Army needs to protect its personnel in the tropics," says Bentley. "The organism which causes malaria is becoming resistant to the most commonly used drugs, and we need new weapons in this war. It's extremely important that we find new anti-malarial drugs."

Malaria killed thousands of U.S. soldiers in World War II and still kills more than 1 million people worldwide every year. Mosquitoes capable of carrying the organisms which cause malaria are still in the U.S.

Beginning in 1991, Bentley and two graduate students, Priyantha Sugathapala and Bong Youl Chung, analyzed the chemical structure of the Chinese medicine and were able to attach it to another molecule. The resulting compound is being put through a series of tests at the Walter Reed Institute of Research in Washington D.C.

"We're a long way from proving the benefits of this compound," Bentley cautions. "It has been shown to be effective in tests with cell cultures and mice. The next steps are tests with monkeys and eventually people."





**Jennifer McLeod**, cataloger/database specialist librarian II, and **Michael White**, science and engineering librarian, Fogler Library: "Building the Virtual Campus Bit by Bit: World Wide Web Development at the University of Maine," *Computers in Libraries*, (Nov/Dec 1995) Vol. 15, No. 10.

**Gwen Morse**, assistant professor of nursing: "Reframing Women's Health in Nursing Education: A Feminist Approach," *Nursing Outlook*, 43 (November, December) 273-277.

**Kathleen March**, professor of Spanish, published a review of M. Fernández Rodríguez and M. Rodríguez Neira, *Estudio sociolingüístico da comarca ferrolá: Fase previa ó mapa sociolingüístico de Galicia* (Coruña, Real Academia Galega, 1993), in *Language in Society*, Vol. 24, No. 4 (December 1995) pp. 602-604.

**John Maddaus**, associate professor of education: "Do Standardized Test Scores Influence Parental Choice of High School?" with Scott Marion, University of Colorado-Boulder, *Journal of Research in Rural Education*, Vol 11, No. 2 (Fall 1995) pp. 75-83.

**Alan Rosenwasser**, associate professor of psychology, **Lynda Vogt**, former graduate student, and **Mark Pellowski**, former undergraduate student: "Circadian Phase Shifting Induced by Clonidine Injections in Syrian Hamsters," *Biological Rhythm Research*, Vol. 26, pp. 553-572 (1995).

**Ramesh Gupta**, professor, Department of Mathematics and Statistics, co-authored with H. Olcay Akman, Cornell University: "Bayes Estimation in a Mixture Inverse Gaussian Model," *Annals of the Institute of Statistical Mathematics*, 47(3):493-503 (1995).

**Max Egenhofer**, associate director of the National Center for Geographic Information and Analysis, associate professor in spatial information science and engineering, and cooperating assistant professor in computer science, and David Mark, SUNY-Buffalo: "Modeling Conceptual Neighborhoods of Topological Line-Region Relations," *International Journal of Geographical Information Systems*, Vol. 9, No. 5, pp. 555-565 (1995).

**Marisue Pickering**, associate vice president for Academic Affairs and professor of speech communication: "Being A Professional in a Borderless World," *Australian Communication Quarterly*, 16-20 (1995).

**Steve Sader**, professor of forest resources, and Marcia Wilson, deputy director, migratory bird branch, Patuxent Wildlife Research Center, National Biological Survey, co-editors: "Conservation of Neotropical Migratory Birds in Mexico," *Maine Agricultural and Forest Experiment Station, Misc. Pub. 727*, 288 pp. The book contains 22 peer-reviewed papers by leading neotropical migratory land bird researchers from U.S., Mexico and Canada who are working in Mexico. All abstracts of invited and poster papers are in English and Spanish. The International Conference in Catemaco, Veracruz, Mexico, and the publication were co-funded by the NSF, U.S. Fish and Wildlife Service, National Biological Survey, Universidad Nacional Autónoma de México and the Maine Agricultural and Forest Experiment Station.

**Penelope Elias**, adjunct associate professor, Department of Psychology, and **Merrill Elias**, professor of psychology: "Blood Pressure, Hypertension and Age as Risk Factors for Poor Cognitive Performance," *Experimental Aging Research*, 21:393-417 (December 1995). Also M. Elias and P. Elias: "Neuropsychological Test Performance, Cognitive Functioning, Blood Pressure and Age: The Framingham Heart Study," *Experimental Aging Research*, 21:369-91 (December 1995).

**Rhea Côté Robbins**, communications coordinator, Franco-American Centre, in the *Puckerbrush Review*, XIV, i, chapter excerpt from a creative nonfiction book, *Wednesday's Child*.

**Herman Weller**, assistant professor of education: "Improving the Effectiveness of Learning Through Hypermedia-based Instruction: The Importance of Learner Characteristics," *Computers in Human Behavior*, 11(3-4):451-65 (1995).

**Bradley Blackwell**, former wildlife ecology graduate student, **William Krohn**, leader, Maine Cooperative Fish and Wildlife Research Unit, and **R. Allen**, Maine Department of Inland Fisheries and Wildlife: "Foods of Nesting Double-crested Cormorants in Penobscot Bay, Maine, USA: Temporal and Spatial Comparisons," *Colonial Waterbirds* 18(2):199-208.

## Media Spotlight



### Camire in Wall Street Journal

The oat bran fad may be making a comeback, according to a Jan. 19 article in the *Wall Street Journal*. The Food and Drug Administration has given preliminary approval to a proposal to allow certain health claims for oat bran and oatmeal after scientific evidence linked diets high in those substances with reduced risk of heart disease. Cited as a specialist in fiber, Department of Food Science Chair Mary Ellen Camire says oats and barley are grains particularly rich in beta-glucan, which "acts like glue" in the stomach and slows emptying. The USDA has a patent to use beta-glucan in a fat substitute suitable for use in such products as low-fat ice cream and dips.

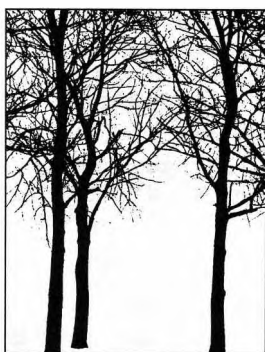
### Segal in New York Times

A Dec. 26 article in the *New York Times*, "Multiple Family Phone Lines, a Post-Postwar U.S. Trend," notes that 1995 was the "biggest single-year increase in new residential phone lines in the United States since the end of World War II," with the percentage households with multiple phone lines nearly doubling to 16 percent." Several information-age forces have "ignited into a social phenomenon" with home use of such technology as fax machines and computers. Professor of History Howard Segal, commenting on the social effects of technology, notes that having a second car allowed families to migrate to the suburbs and travel to work. "Having a second phone line says something about people returning to the home," he says.

### Elias on the Air in Boston

The work of professor Merrill Elias, Department of Psychology, and Penelope Elias, adjunct associate professor of psychology, and colleagues at Boston University Medical School, "Rise in Blood Pressure in Relation to Memory Dysfunction in the Framingham Heart Study Population," was featured on Channels 4 and 5, Boston, Dec. 19.





**Doug Allen**, professor of philosophy, attended the annual meeting of the Eastern Division of the American Philosophical Association in New York, Dec. 27-30. He chaired a panel: "Constructions of Self, East and West: Ethical and Political Implications," and he presented a paper: "Social Constructions of Self: Indian, Marxist, and Feminist Contributions."

**Jeffrey Wilhelm**, assistant professor of literacy education, attended the National Reading Conference annual meeting in New Orleans, Nov. 28-Dec. 2, where he participated in a panel presentation: "Symbolic Story Worlds of Children," with Rob Tierney, Ohio State University, and Pat Encisco, University of Wisconsin, focusing on promoting literacy through the arts.

**Dana Humphrey**, associate professor of civil engineering, presented two six-hour short courses: "Civil Engineering Applications of Chipped Tires," for the Nebraska Department of Environmental Quality in Omaha and North Platte, Neb., Nov. 15-16. Dec. 5, Humphrey made a presentation: "Standard Practice for Use of Scrap Tires in Civil Engineering Applications," to the American Society for Testing and Materials (ASTM) Subcommittee on Construction and Other Secondary Applications of Recovered Materials in Norfolk, Vir. Humphrey made a presentation: "Tire Chips for Highway Construction" to the Northeast Recycling Council in Sturbridge, Mass., Dec. 8.

**Scott Overmyer**, assistant professor of management information systems, presented a paper: "Capturing, Analyzing, and Representing Requirements for Large-Scale Command Control, and Intelligence (C2I) Information Systems Using Electronic Multimedia," at the IEEE International Conference on Systems, Man, and Cybernetics, Vancouver, Oct. 25. In addition, Overmyer has been named technical program chair and conference co-chair of the 6th Annual East-West Human Computer Interaction Conference (EWHCI'96), to be held in Moscow, Aug. 12-16. And Dec. 10-13, Overmyer participated in a conference: The 16th Annual International Conference on Information Systems, Amsterdam.

**Max Egenhofer**, associate director of the National Center for Geographic Information and Analysis, associate professor in spatial information science and engineering, and cooperating associate professor in computer science attended the Second International Conference of Spatial Information Theory (COSIT '95) in Semmering, Austria, Sept. 21-23. He presented the opening paper: "Naive Geography," co-authored by David Mark, SUNY-Buffalo. He also chaired a session: "Qualitative Spatial Reasoning."

**Jim Artesani**, assistant professor of special education, participated in two presentations at the National Convention of the Association for Persons with Severe Handicaps, San Francisco, Dec. 1: "Developing Natural Supports through Inter-disciplinary Study," with **Nina Saha**, project coordinator for inclusive schools, UMaine Center for Community Inclusion, and "Co-teaching on the Interactive Television Network: The Agony and the Ecstasy," with Deborah Goessling, Providence College.

College of Education faculty participating in the 85th annual convention of the National Council of Teachers of English (NCTE), Nov. 16-21 in San Diego include: **Brenda Power**, associate professor of literacy education, panel presentation: "Narcissus Shrugged: Rethinking the Personal in Personal Narrative"; **Janice Kristo**, professor of literacy education, and **Rosemary Salesi Bamford**, professor of literacy education, workshop co-chairs: "Ethical Living Through Children's Literature: Caring, Compassion, and Community"; **Constance Perry**, professor of education: "How Do We Teach What Is Right: Research and Issues in Ethical and Moral Development"; **Jeffrey Wilhelm**, assistant professor of literacy education, research roundtable presentation: "Studying My Students' Responses to Literature and the Contexts that Support Them," Promising Researcher Award report: "Reading Is Seeing: Using Visual Response to Improve the Literacy Reading of Reluctant Readers," workshop presentation: "Teachers as Textbook Makers"; and **Judith Bradshaw Brown**, doctoral candidate in literacy education, workshop co-chair and presenter: "Living the Questions: Children as Researchers." Also at the NCTE meeting, Kristo was elected to the Children's Literature Assembly Advisory Board of the NCTE. The Assembly promotes high-quality children's literature.

**Russell Quaglia**, associate professor of education and director of the National Center for Student Aspirations, attended the 100th annual meeting of the New England Association of Schools and Colleges Inc., Dec. 7-8 in Boston, where he gave a presentation in a session: "Demonstration Models: The Changing Picture of Educational Collaborations," with Franklin Wilbur, Syracuse University.

**Edward Brazee**, associate professor of education, attended the 22nd annual conference of the National Middle School Association, Nov. 1-4, New Orleans, where he presented at a workshop on Writing for Publication, an Assembly on "Dissolving Boundaries: Lessons from Schools with Integrated Curriculum," and a session on educator experiences with integrated curriculum. In addition, Brazee gave the keynote address: "If Middle School is the Answer, What is the Question?" and presented a workshop on integrated curriculum at a seminar: "Transforming the Middle Grades," sponsored by the United Federation of Teachers/Special Educator Support Program, New York City, Nov. 19.

The Department of Anthropology was well represented at the 94th Annual Meeting of the American Association of Anthropology Conference in Washington D.C. **Paul (Jim) Roscoe**, associate professor, and **Cynthia Mahmood** and **Kristin Sobolik**, assistant professors, attended the meeting. Kristin also presented a paper: "Alternative Energy Sources for the Foragers of the East African Highlands," in the symposium on Four Fields in the Field: Cultural, Biological, Archaeological, and Linguistic Studies of the Mukogodo of Kenya.

**William Whitaker**, professor of social work, was appointed chair of the "Blue Ribbon Commission on Hunger and Food Security," established by the Maine Legislature.

**Kyriacos Markides**, professor of sociology, conducted a workshop on his recent book, *Riding With the Lion: In Search of Mystical Christianity*, at the Oasis Center, Chicago, Nov. 2-5, and at the Tibia Institute, Berkeley, Nov. 17-18.

**Steve Sader**, professor of forest resources, participated in a NASA Space Grant Extension workshop on remote sensing, Nov. 30-Dec. 1 at the Isle of Capri Hotel, Biloxi. Funding was provided through a travel grant from the Maine Space Grant Consortium. Attending were NASA administrators and scientists, university researchers and educators, secondary school educators, state and private land managers, and Extension personnel. He presented: "Applications of Remote Sensing in Forest Wetland Monitoring." Sader and Ramona Travis (NASA-Stennis Space Center) co-chaired the workshop session: "Forests and Wetlands."

**Judy Kellogg Markowsky**, adjunct faculty in education, faculty associate in wildlife ecology, and director of Maine Audubon Society's Nature Center at Field's Pond, presented slide-illustrated talks: "Winter Birds," at Wild Bird Crossing store in Bangor and at Trefoil, Orono; "Wildlife Tracks in the Snow," to Orrington Snowmobile Club; and "Birds of Rivers and Streams," to Sunkhaze Chapter, Trout Unlimited, in November.

**Ramesh Gupta**, professor, Department of Mathematics and Statistics, has been appointed associate editor of two journals: *Communications in Statistics* and *Journal of Applied Statistical Sciences*.

**Stephen Marks**, professor of sociology, attended the annual meetings of the National Council on Family Relations, Nov. 12-18, Portland, Ore.

**Stuart Marrs**, associate professor of music, performed the Beck *Concerto for Timpani*, gave a paper: "La Percusión en Costa Rica: 1972-82," and a clinic: "El cuidado y mantenimiento de los timbales sinfónicos," at the Puerto Rico Day of Percussion, Universidad Interamericana at San Germán, Puerto Rico, Nov. 11.

Nov. 3, **Yvon Labbé**, director of the Franco-American Center and co-president of Action for Franco-Americans of the Northeast (ActFANE), presented on a panel at the 14th Annual Canada Conference: "Trading with Francophone Countries," Plymouth State College, New Hampshire. Also presenting was **Tony Brinkley**, English Department and member of the Community Advisory Council for the Franco-American Center, as well as liaison person with the Greater Bangor Chamber of Commerce/UMaine Franco-American Partnership Project. Other panelists were: Sharon Albert, director of marketing and memberships for the Greater Bangor Chamber of Commerce, André Pied, director of the Skowhegan Area Continuing Education and founder of Chaud-Bec Economic Initiative – an economic/cultural exchange between the peoples of the Chaudière (Québec) and Kennebec River Valleys, economics professor John Joseph of Thomas College, and French professor Anne McConnell of St. Michael's College, an ActFANE Board member, New Hampshire. Moderating the panel was Julien Olivier of the American and Canadian French Cultural Exchange Commission and ActFANE Board member of New Hampshire. Also attending and promoting exchanges with the Northeast, ActFANE and the French provinces of Canada were **Jim Bishop** and **Rhea Côté Robbins** of the UMaine Franco-American Centre, who met with several ActFANE Board Members to discuss the benefits of economic, cultural, educational, journalistic and linguistic exchanges throughout the Northeast and Canada. Particularly focusing on the further development of regional pages, R.É.F.A.N.E., "Resources et Échanges pour les Franco-Américains du Nord Est," for *Le Forum* and community participation from throughout the Northeast and

elsewhere in the colloquium, which will occur in May 1996 under Bishop's direction. The delegation from the University and the Greater Bangor Chamber of Commerce also met with Consul Général Maurice Portiche and Attaché du Presse Jean Louis Duchion to discuss possible future exchanges between France and the Franco-Americans of the Northeast.

During the National Convention of the Society of American Foresters, Oct. 28-Nov. 1, in Portland, Department of Forest Management faculty and students contributed the following presentations: **Steven Sader**, professor of forest resources, presented a paper: "Forest Cover Change Using Landsat Data"; **David Field**, E.L. Giddings Professor of Forest Policy, presented a paper: "Maine's Forest Practice Act: Land Use, Regulations, and Implementation"; M.S. graduate student **Kurt Cardello** presented a paper: "Intensive Supervised Classification of Forest Stratification Using Remote Sensing"; M.S. graduate student **Anthony Guay** presented a poster which won a second place award: "Casco Bay Satellite Land Cover Change Detection"; Ph.D. students **Jeff Hepinstall** and **Sean Murphy** presented a poster: "Two Methods of Mosaicing Statewide Multitemporal Datasets for NDVI Change Detection Analysis"; M.S. graduate student **Carolyn Dolan** presented a poster: "Comparison of Manual vs Digital Forest Mapping Methods for Meeting Maine Tree-growth Tax Law Requirements"; **William Krohn**, professor of wildlife and zoology, Sader, **Randall Boone**, graduate student in wildlife, and undergraduate forestry student **Roscoe Bartlett** presented a poster: "Use of Aerial Videography to Create a Habitat Map for Maine"; Bartlett also presented another poster: "A

Guide for Interpreting Selected Tree Species and Wildlife Habitats in Maine from Aerial Videography."

Two members of the Department of Food Science and Human Nutrition attended the American Association of Cereal Chemists annual meeting in San Antonio, Nov. 5-9. **Terry Work**, senior food scientist, presented a poster: "Wild Blueberry Puree as an Oil Replacement for Cakes," co-authored by **Mary Ellen Camire**, associate professor and chair, and food and nutrition science doctoral students, **Iwan Surjawan** and **Elif Belbez**. Camire and Belbez presented an invited paper: "Flavor Formation During Extrusion Cooking," in the Flavor and Additives division symposium. Camire also was elected chair-elect of the Association's Nutrition Division. She currently serves as chair of the Membership Recruitment Committee.

**Martin Stokes**, professor of animal, veterinary, and aquatic sciences, presented a poster at the 23rd Biennial Conference on Rumen Function, Chicago, Nov. 14-16. The poster: "The Use of Carbohydrase Enzymes as Feed Additives for Early Lactation Cows," was co-authored by graduate assistant **Shuyun Zheng**.

**Jennifer Craig Pixley**, English, read a paper, "Spoonhandle: Education and Knowledge in the Green World," at the 10th Annual Women's Studies Conference: Women, Education: The Difference it Makes, at the University of Southern Maine, Dec. 2. Also at that conference, **Rhea Côté Robbins**, communications coordinator, Franco-American Centre, presented a paper: "Franco-American Women's Literary Tradition: A Central Piece in the Region's Literary Mosaic."



Maine Perspective classified ads are published weekly and are free to faculty, staff and students at the University of Maine. Ads must be typewritten and include a telephone number. They will be published one week only unless otherwise specified. Send ads to: Maine Perspective Classifieds, Public Affairs. Ads must be received by 9 a.m. the Friday before they are to appear in the next week's issue.

#### FOR SALE

**AUTOMOBILE:** 1986 Honda Accord LXI, hatchback. New tires, muffler, belts, brakes, clean, excellent condition. 35mpg highway. No rust. AC, cruise. \$2,500. Call 947-2235.

#### WOMEN IN THE CURRICULUM SUMMER GRANTS

The Women in the Curriculum Program is committed to supporting scholarship on women and to assisting in the development of a university curriculum that is inclusive of the history, contributions, values, aspirations and perspectives of women as well as men. Toward these goals the WIC Program offers grants to University of Maine faculty in all departments for (1) curriculum development and revision, (2) research projects, (3) projects aimed at improving the academic climate for women students, and (4) major departmental initiatives for curriculum transformation.

##### Eligibility

- ▼ Individual faculty members whose affiliation with the University is expected to continue next year.
- ▼ Departmental and interdepartmental faculty teams are eligible and encouraged. As long as at least one faculty member is centrally involved, teams may include professional and classified staff, students, and others from the community, if appropriate.
- ▼ College committees on teaching.
- ▼ Faculty who have recently begun exploring scholarship on women, as well as those with experience in Women's Studies scholarship and teaching.
- ▼ Past WIC grant recipients, except those receiving grants last year.

##### Timing

Preliminary proposals are due March 1, and final proposals are due April 2. Notification of awards should be made around April 19. This year awardees participated in some group sessions in May during the faculty development programs, and we hope to continue that. It is expected that the rest of the funded work will be completed during the summer. Certain parts of projects which involve workshops or colloquia with outside speakers or consultants may occur during the academic year, although most planning and development should take place in summer.

##### Funding Levels

Individual or small team projects may be funded up to \$2,500. Requests can be made for stipends as well as expenses of carrying out the project. Amounts will depend on the complexity of the projects and the funds available. Major departmental initiatives may be funded up to \$5,000.

For more information, contact the WIC Office, x1228, for a detailed request of proposals or to discuss your project with WIC Director Ann Schonberger.

**BOOKS:** Norton Anthology of English Literature, volumes 1 and 2, \$20 for both. Call 827-8118 before 8 p.m.

**HEATER:** "Warm Morning" Propane Gas Room Heater, to be vented. 35 BTU/HR input. \$150. Call 732-5322 for additional information.

**TABLE:** Formica kitchen table with leaf and 4 chairs, \$150; white bathroom sink with pedestal, \$50. Call 732-5322.

#### FOR RENT

**APARTMENTS:** Studio, 1, 2, & 3 bedrooms. Heated, fireplace, parquet floors, deposit, lease. No pets. From \$385 per month. Call 947-6367.

#### WANTED

**HOUSE TO RENT:** Faculty couple seek from September '96 modern, quiet, unfurnished 3BR home in excellent condition near Orono. Prefer house with large, dry and heated storage space (e.g. basement) and double garage. Long-term contract possible. Call 581-2167 or 866-4251 (evenings).

#### FREE

**CONTAINERS:** Fernald Snack Bar, follow the signs for free plastic containers.



The Classified Employees Scholarship Fund Committee's annual 50-50 Raffle last month was deemed one of the most successful with more than 800 tickets sold. Joan Chappelle of Campus Living held the winning ticket, which was drawn by UMaine President Fred Hutchinson, right, with the help of Cindy Meservey, who coordinated the raffle. Officials of the Scholarship Fund Committee extend special thanks to the more than 30 classified employees across campus who helped sell tickets to raise money for the Fund. The next raffle will be in November. Photo by Kathryn Rice

#### CENTRAL SUPPLY PHOTOCOPY PAPER UPDATE

Central Supply has had numerous requests from departments for orchid (lavender) and salmon-colored paper. Beginning this month, we will stock them in addition to our other colors. Note: these are all 8 1/2 x 11 except where indicated.

Blue	80-66200	\$3.559/ream
Canary	80-66400	\$3.559/ream
Goldenrod	80-66600	\$3.559/ream
Green	80-66800	\$3.559/ream
Pink	80-67000	\$3.559/ream
Orchid	80-67200	\$3.559/ream
Salmon	80-67400	\$3.559/ream
Bright white	80-70150	\$3.433/ream
Recycled white	80-70175	\$3.472/ream
White legal	80-70200	\$4.190/ream
(8 1/2 x 14)		
White ledger	80-70250	\$6.578/ream

We also stock three styles of continuous-feed computer paper. Call or E-mail us for more information. Counter: x2701 or x2702, or E-mail: urnstock@maine.maine.edu.

#### GRADUATE ASSISTANTSHIP: VISITORS' CENTER COORDINATOR

Responsibilities: Hire, train & schedule Visitors' Center greeters and tour guides; maintain current and appropriate literature for dissemination to the public; organize tours of the University, including tours for prospective students as well as large school groups and general campus visits; distribute visitor parking permits; and related duties as determined by the Director of Public Affairs, to whom the Coordinator reports.

Requirements: Enrollment in a graduate program at the University of Maine, with at least one previous year of graduate or undergraduate study at UMaine; excellent knowledge of and enthusiasm for the University of Maine and its various programs; previous experience working in an admissions office and/or student development/student affairs setting; excellent interpersonal and organizational skills; and should enjoy working with a diverse public.

Salary: \$8,770 - 12-month appointment, with tuition waiver, beginning on or around July 1. Application Requirements: Letter of application and resume listing three references to: John Diamond, Director of Public Affairs, University of Maine, 5761 Public Affairs Bldg., Orono, Maine 04469-5761. Application Deadline: April 1.

## Yvon *continued from page 7*

internship with businesses and educational organizations. Last summer, five students from Hogeschool Katholieke Leergangen in Sittard, The Netherlands, shared and gained language and work skills with area residents and employers.

Yvon started the Canadian student teaching program for UMaine students in 1975 and founded the exchange program with the University of East Anglia two years later. While a visiting lecturer at East Anglia, he struck up instant friendships with Andrew Salisbury and Roy Baker of the British university's mathematics and science education faculty. Over the years, they have built an impressive exchange program.

Students and teachers benefit greatly from the exchange of ideas, according to Baker. "Professionally, it's marvelous to go to another country, see the similarities and differences in the education system, then come back and change what you do," he says.

## Study Abroad *continued from page 1*

that has increased substantially in the past three years, Boucias says. In actively promoting Study Abroad, the focus will not only be on encouraging more students to take part, but in reviewing existing agreements that have been inactive or in need of standardization to optimize the exchanges.

"We need to look at the benefits of such exchange agreements for the University and for our students," says Boucias. "One of the keys to promoting Study Abroad is faculty support. Many of our faculty have had international experiences and understand the benefits that come from study or work abroad programs. These are also among the faculty who have been most supportive. Faculty advisors need to know that Study Abroad is an opportunity that, with careful planning, can be made part of students' academic programs so that all courses transfer and the students graduate on time."

Through the years, the University has developed individual agreements with specific institutions, and participates as members of consortia. UMaine also has memberships in selected international programs. With opportunities to study virtually anywhere in the world, UMaine students have taken college courses in the United Kingdom, Brazil, Australia, Bulgaria, the Czech Republic, Austria, Canada and Ireland. Several students will study in the Ukraine this summer.

Some of the newest agreements being finalized will link UMaine with institutions specializing in disciplines not traditionally tapped, including business, engineering and the sciences, Boucias says. "It is exciting because, historically, engineering, business and some other disciplines have had very specific programs of study so that study abroad was not an option open to them," she says. "In the case of the Kyushu Institute of Technology, we are confident it will work because we

Maria Brountas who teaches first grade at Vine Street School in Bangor and has more than 30 years of teaching experience agrees. "It's important for teachers to see what's happening in the rest of the world and gain a different perspective," she says.

Brountas participated in one of the British Study Tours led by Bernie and Gail Yvon, where she gained new ideas for her classroom and made lasting friends. She also calls on other UMaine faculty and resources to help bring international views to her class. "These are contacts that enrich the program," she says.

For 1994 UMaine graduate Shane Howard of Bucksport, now a physical education teacher at Lisbon Falls High School, student teaching in Australia had an "unbelievable impact."

"This experience has done so much for me it is almost unbelievable," he wrote. "I feel so much more confidence; more than I thought I would ever have at this stage of my professional life." ▲

are linking two technical programs. Also there are opportunities for critical language study so we can prepare our students for the particular language skills needed.

"Through such exchange programs, we can show real support for internationalizing our student population. That internationalizing has to do not just with bringing international students to campus but in fully supporting all our students by giving them the best opportunities throughout their college careers – including the chance to study abroad." ▲

### Employees & Students

#### THE 1996 WEIGHT WATCHERS AT WORK PROGRAM OPEN HOUSE AND FIRST SESSION – JANUARY 23

(only if 20 people enroll on or by this date)

11:30 a.m.–1 p.m., 427 Corbett Hall

10-week session – \$99. No registration fee.

Get a \$1-per-pound rebate from Weight Watchers for every pound lost once attaining Goal Weight. Payroll deduction available for employees. Visa, MasterCard, and checks accepted.

Want to join but can't meet on Tuesdays at noon? Take advantage of payroll deduction by joining the At Work Program and attend any local Weight Watcher's meeting that fits into your schedule for no additional cost. For details, contact the Employee Health & Benefits Office, x2366.

### PRESIDENTIAL PUBLIC SERVICE ACHIEVEMENT AWARD

Nominations are currently being solicited for the Presidential Public Service Achievement Award, which recognizes an individual University of Maine faculty or professional staff member for distinguished public service achievement. The recipient will be announced at the Honors Convocation in the spring. A \$1,500 award is given to the honoree.

Nominations and applications will be screened by a committee of faculty and professional staff members who will make their recommendations to the President. The final selection for the award will be made by the President. Re-submission of nominations from last year is encouraged.

Nominations should be sent to: Scott Delcourt, Office of the Vice President for Research and Public Service, 201 Alumni Hall. Deadline for nominations: 5 p.m., Monday, Feb. 12.

Nomination guidelines are available from the Office of the Vice President for Research and Public Service. Questions may be directed to Scott Delcourt, x1502.

The Presidential Public Service Awards Committee members are: Steven Colburn, Michael Greenwood, David Lambert (chair), Jean Lavigne, Holly Lehnhard, Karel Lidral, Kathryn Olmstead, William Rivard, and Calvin Walker. Scott Delcourt and Suzanne Estler serve as ex-officio members.

## Hannibal Hamlin House

### Entree Menu for the week of Jan. 22-26:

Monday – Chili or Taco Salad

Tuesday – Minestrone or Genoa Italian

Wednesday – Vegetarian Pea Soup or a Veggie Round Sandwich

Thursday – Lentil Soup or BLT

Friday – Fish Chowder or Toasted Tuna Sandwich

Daily sandwiches and homemade pies and pastries available

Lunch prices: \$3-\$3.50

Hours: 8:45 a.m.–3:45 p.m. Visitors welcome.



**National Endowment for the Arts** will make FY96 and FY97 grants to organizations only in four new, thematic programs. Letters of intent are due Feb. 5 and applications March 4 for the Heritage & Preservation and Education & Access Programs. Letters of intent are due Feb. 20 and applications April 3 for the Creation & Presentation and Planning & Stabilization Programs.

**U.S. Department of Energy** invites preapplications for the FY96 Energy Biosciences Program of basic biochemical, genetic, and physiological research contributing to future alternative fuels, petroleum replacement products, energy conservation measures, and other technologies of interest to DOE. Deadline: Feb. 26.

**Johns Hopkins Center for Alternatives to Animal Testing** solicits preproposals to develop alternatives to the use of whole animals in assessing the safety and/or efficacy of commercial products. Investigation of in vitro approaches to evaluating cellular and target organ toxicity is encouraged. Deadline: March 6.

**National Research Council** makes travel grants to support collaboration between U.S.

scholars and their colleagues in the Newly Independent States in fields of policy research that require substantial input from the applied sciences, such as agricultural, environmental, and industrial policy. Deadline: March 15.

**National Academy of Sciences** has published preliminary descriptions of projects to be funded in the FY96 Transit Cooperative Research Program, supporting applied research to develop near-term solutions to problems facing transit operating agencies in operations, service configuration, engineering, maintenance, human resources administration, policy, and planning. Full RFPs will be issued in May.

**National Science Foundation and Consejo Nacional de Ciencia y Tecnologia of Mexico** have initiated a pilot activity to promote joint research in engineering, computer, and information sciences by investigators from both countries. Awards of \$5,000 to \$100,000 will be made for costs of U.S. investigators' international collaboration. Deadline: May 14.

**FOR MORE INFORMATION, CALL RESEARCH & SPONSORED PROGRAMS, X1476.**

#### **GRADUATE FELLOWSHIPS IN MARINE STUDIES FOR 1996/97 CENTER FOR MARINE STUDIES/SEA GRANT PROGRAM**

As part of its commitment to marine studies, the University of Maine seeks to matriculate and retain excellent graduate students in various aspects of marine studies. Therefore, several research fellowships will be available for students wishing to enter or continue graduate studies in the marine program at the University. Fellowships will be awarded for one year with potential for one additional year. The stipend from the Center for Marine Studies is \$8,424 for nine months; the Center will also pay tuition. While the Center has no academic program, it will support students pursuing degrees in any of the marine fields represented at UMaine.

Seven complete copies of each nomination should be submitted to CMS/Sea Grant Research Fellowship Committee, Center for Marine Studies, 14 Coburn Hall, University of Maine, Orono, ME 04469, no later than noon on Tuesday, Feb. 13. Application/nomination forms and more information may be obtained from Kathy Carson, Sea Grant/CMS Office 14 Coburn Hall, University of Maine. Phone 581-1435.

#### **Invitation for Preliminary Project Proposals 1997-1998 UM/UNH SEA GRANT COLLEGE PROGRAM (Due Date Jan. 29)**

The University of Maine/University of New Hampshire Sea Grant College Program invites preliminary project proposals for consideration for inclusion in the Sea Grant proposal for "calendar" years 1997 and 1998. Participation is open to faculty and staff at all institutions of higher learning throughout Maine and New Hampshire.

Proposals should normally address one or more of those marine/coastal-related issues identified in the UMaine/UNH Sea Grant Long Range Plan (January 1996). Guidelines for preparing Preliminary Project Proposals and copies of the Long Range Plan are available.

To obtain these materials or for further information, contact: Robert Wall, Director, Sea Grant College Program, 5715 Coburn Hall, Room 14, University of Maine (207-581-1438).

#### **STUDENT ACADEMIC CONFERENCE TRAVEL FUND**

The Student Academic Conference Travel Fund for undergraduate students will hold its second competition of the academic year. This fund serves undergraduate students who need financial assistance for travel to meetings/conferences of an academic nature. Applications must be submitted to the Office of Academic Affairs, 209 Alumni Hall, by Wednesday, Feb. 7. Money will be awarded for travel taking place between Feb. 8-May 1. Applications can be obtained from Joan Day, Office of Academic Affairs, 209 Alumni Hall, or by calling x1547.

## **What's Ahead**



**ART FACULTY ANNUAL  
January 26-March 29**

**Maine Perspective**



University of Maine  
*Maine Perspective*  
Department of Public Affairs  
5761 Public Affairs  
Orono, Maine 04469-5761